

S #	Updt	Database	Query	Time	Comment
S6249	U	USPT	(5922859 or 5651964 or 5650096).pn.	2003-02-18 15:38 37	
S6248	U	USPT	5795587.pn. and sulfate	2003-02-18 14:10 50	
S6247	U	USPT	5795587.pn. and protamine	2003-02-18 14 10 25	
S6246	U	USPT	5795587.pn. and intravenous	2003-02-18 14:08 53	
S6245	U	USPT	5795587.pn. and arginine	2003-02-18 14 06 53	
S6244	U	USPT	5795587.pn.	2003-02-18 14:03 15	
S6243	U	USPT	(stealth or long circulating liposomes) and peg and nucleic.clm.	2003-02-18 12:02 57	
S6242	U	USPT	(stealth or long circulating liposomes) and peg and nucleic	2003-02-18 12:02.35	

S6241
U
USPT
(stealth or long circulating liposomes) and peg and polycation
2003-02-18 12 00:39

S6240
U
USPT
long circulating liposomes and peg and polycation
2003-02-18 11 58:40

S6239
U
USPT
5795587 pn.
2003-02-18 11 37 56

S6238
U
USPT
5795587 pn. and (polyethylene or polyethyleneglycol)
2003-02-18 11:37 49

S6237
U
USPT
5795587 pn. and glycol
2003-02-18 11 37 19

S6236
U
USPT
5795587 pn. and shield\$
2003-02-18 11:36 58

S6235
U
USPT
5795587.pn. and peg
2003-02-18 11:36 38

S6234
U
USPT
(gene or dna or rna) and long circulating liposomes and peg
2003-02-18 11:27 37

S6233
U
USPT
nucleic and long circulating liposomes and peg
2003-02-18 11:26.16

S6232

U
USPT
long circulating liposomes and peg and cationic lipid
2003-02-18 11:21:28

S6231
U
USPT
long circulating liposomes and peg and cationic
2003-02-18 11:20:53

S6230
U
USPT
long circulating liposomes and peg
2003-02-18 11:19:25

S6229
U
USPT
5,650,096.pn. and colipid
2003-02-18 10:51 35

S6228
U
USPT
5,650,096.pn. and colipis
2003-02-18 10:51 28

S6227
U
USPT
5795587.pn. and asialoglycoprotein
2003-02-14 15:00 29

S6226
U
USPT
dogs and 5,635,487.pn.
2003-02-14 13:54 59

S6225
U
USPT
dogs same dc-chol
2003-02-14 13:52.50

S6224
U
USPT
5922859.pn. and dogs
2003-02-14 13:52:37

S6223
U

USPT
5651964.pn. and (lipid or liposome or lipoplex)
2003-02-14 13:17:28

S6222
U
USPT
5478860.pn. and (nucleic and (polyethylene glycol or peg))
2003-02-14 13:17:03

S6221
U
USPT
5478860.pn. and (nucleic and (polyethylene glycol or peg))
2003-02-14 11:36:17

S6220
U
USPT
5478860 and (nucleic and (polyethylene glycol or peg))
2003-02-14 11:35:54

S6219
U
USPT
(lipid or liposome) same pegylat\$
2003-02-14 11:33:04

S6218
U
USPT
(peg or polyethylene glycol) and (cationic lipid and stealth)
2003-02-14 11:26:36

S6217
U
USPT
cationic lipid and stealth
2003-02-14 11:24:44

S6216
U
USPT
dc-chol same cationic lipids
2003-02-14 10:51:50

S6215
U
USPT
5651964.pn. and antibody
2003-02-14 10:14:26

S6214
U
USPT

5651964.pn. and target\$

2003-02-14 10:13:59

S6213

U

USPT

5651964.pn. and (epitheli\$ or liver or hepatic or blood)

2003-02-14 10:13:09

S6212

U

USPT

free polycation and (5922859.pn.)

2003-02-14 09:51:14

S6211

U

USPT

5922859.pn.

2003-02-14 09:51:07

S6210

U

USPT

dogs same (spermine or spermidine)

2003-02-14 06:51:31

S6209

U

USPT

dogs same di-octyl

2003-02-14 06:51:12

S6208

U

USPT

5651964.pn. and (hepatic or liver)

2003-02-13 15:32:31

S6207

U

USPT

5651964.pn. and (lipid or liposome)

2003-02-13 15:28:40

S6206

U

USPT

liposome and (5651964.pn.)

2003-02-13 15:28:21

S6205

U

USPT

5651964.pn.

S #	Updt	Database	Query	Time	Comment
S6204	U	USPT	5651964.pn.L30	2003-02-13 15:27:34	
S6203	U	USPT	dc-chol same cationic lipid	2003-02-13 15:27:31	
S6202	U	USPT	e1a and (5795587.pn.)	2003-02-13 15:13:08	
S6201	U	USPT	5795587.pn.	2003-02-13 14:40:58	
S6200	U	USPT	5651964.pn.	2003-02-13 14:40:45	
S6199	U	USPT	5547932.pn. and (lipid or liposome)	2003-02-13 13:14:35	
S6198	U	USPT	5547932.pn. and (sulfate or sulphate or salt or counterion)	2003-02-13 13:12:57	
S6197	U				

USPT	5547932.pn. and protamine	2003-02-13 13:09:46
S6196 U USPT	5922859.pn. and (lipid or liposome)	2003-02-13 12:45:41
S6195 U USPT	nucleic and ((protamine same sulfate) and (polylysine or poly-l-lysine or polycation) and (lipid or liposome))	2003-02-13 12:07:52
S6194 U USPT	nucelic and ((protamine same sulfate) and (polylysine or poly-l-lysine or polycation) and (lipid or liposome))	2003-02-13 12:07:40
S6193 U USPT	(protamine same sulfate) and (polylysine or poly-l-lysine or polycation) and (lipid or liposome)	2003-02-13 12:07:19
S6192 U	PGPB,JPAB,EPAB,DWPI,TDBD	
	protamine sulfate same (polylysine or poly-l-lysine)	2003-02-13 12:04:39
S6191 U USPT	(lipid or liposome) and (protamine sulfate same (polylysine or poly-l-lysine))	2003-02-13 12:00:40
S6190 U		

USPT	protamine sulfate same (polylysine or poly-l-lysine)	2003-02-13	11:59 55
S6189			
U			
USPT	protamine sulfate same polycation same (polylysine or poly-l-lysine)	2003-02-13	11:59 40
S6188			
U			
USPT	protamine sulfate and(liposome or lipid) and target\$ and (transfec? and (polyarginine same polylysine))	2003-02-13	11:56 06
S6187			
U			
USPT	(liposome or lipid) and target\$ and (transfec? and (polyarginine same polylysine))	2003-02-13	11:53 25
S6186			
U			
USPT	target\$ and (transfec? and (polyarginine same polylysine))	2003-02-13	11:49 04
S6185			
U			
USPT	transfec? and (polyarginine same polylysine)	2003-02-13	11:48:55
S6184			
U			
USPT	nucleic and (polyarginine same polylysine)	2003-02-13	11:48:42
S6183			
U			
USPT			

polyarginine same polylysine

2003-02-13

11:48:29

S6182

U

USPT

(transferrin and (lipid or liposome) and nucleic).clm.

2003-02-13

11:41:24

S6181

U

USPT

lipid and polycation and histone and (nucleic and liposome or lipid).clm.

2003-02-13

11:38:36

S6180

U

USPT

lipid and polycation and histone and (nucleic and liposome).clm.

2003-02-13

11:38:10

S6179

U

USPT

(nucleic and (lipid or liposome) and polycation).clm. and (lipid and polycation and histone)

2003-02-13

11:32:20

S6178

U

USPT

lipid and polycation and histone

2003-02-13

11:31:44

S6177

U

USPT

target\$ and (5,795,587.pn.)

2003-02-13

11:29:59

S6176

U

USPT

5,795,587.pn.

2003-02-13

11:29:53

S6175

U

USPT

polycation\$ and (6008202.pn.)

2003-02-13

11:25:38

S6174

U

USPT

6008202.pn.

2003-02-13

11:25:31

S6173

U

USPT

6008202.pn. and reporter

2003-02-13

09:46:09

S6172

U

USPT

6008202.pn. and (muscle or muscular or intramusc\$)

2003-02-13

08:36:15

S6171

U

USPT

6008202.pn. and (tumor or trach\$ or lung or muscle or muscular)

2003-02-13

08:34:46

S6170

U

USPT

6008202.pn. and (tumor or trach\$ or lung)

2003-02-13

08:34:24

S6169

U

USPT

(liposome and nucleic and tumor).clm.

2003-02-13

08:04:49

S6168

U
USPT

(nucleic and liposome and intramuscular).clm.

2003-02-13

08:03:26

S6167

U
USPT

(nucleic and liposome and (intratracheal or trache\$)) .clm.

2003-02-13

08:01:21

S6166

U
USPT

(nucleic and liposome and (intramuscular or intratumoral or intratracheal)).clm.

2003-02-13

07:58:48

S6165

U
USPT

(liposome and (intramuscular or intratumoral or intratracheal)).clm.

2003-02-13

07:57:58

S6164

U
USPT

(5795587.pn. or 6008202.pn.) and shield\$

2003-02-13

07:32:48

S6163

U
USPT

(5795587.pn. or 6008202.pn.) and (lysine and arginine and sulfate salt and protamine and dc-chol)

2003-02-13

07:18:18

S6162

U
USPT

(5795587.pn. or 6008202.pn.) and (lysine and arginine and sulfate salt and protamine and dc-chol and intravenous\$ and intratumor\$ and intratrach\$ and intramusc\$ and tumor and trach\$ and musc\$)

2003-02-13

07:17:59

S6161

U

USPT

(5795587.pn. or 6008202.pn.) and (lysine or arginine or sulfate salt or protamine or dc-chol or intravenous\$ or intratumor\$ or intratrach\$ or intramusc\$ or tumor or trach\$ or musc\$)

2003-02-13

07:16:26

S6160

U

USPT

(5795587.pn. or 6008202.pn.) and (negative or target\$)

2003-02-13

07:05:43

S6159

U

USPT

5795587.pn. and negative

2003-02-13

07:04:01

S6158

U

USPT

gao.in. and huang.in.

2003-02-13

06:53:45

(FILE 'HOME' ENTERED AT 08:12:33 ON 13 FEB 2003)

FILE 'MEDLINE' ENTERED AT 08:12:41 ON 13 FEB 2003

L1 23 S ASIALOGLYCOPROTEIN AND (RECEPTOR OR TARGET?) AND (LUNG OR TRA

L2 6 S FOLATE AND LIPOSOME AND TARGET? AND (LUNG OR TRACH?)

(FILE 'HOME' ENTERED AT 11:43:42 ON 13 FEB 2003)

FILE 'MEDLINE' ENTERED AT 11:43:48 ON 13 FEB 2003

L1 81 S TRANSFERRIN AND (POLYLYSINE OR POLY-L-LYSINE)

L2 43 S L1 AND (TRANSFEC? OR TRANSFERRINFECT?)

L3 828 S (POLYCATION OR POLYLYSINE OR POLYARGININE OR
HISTONE OR PROTA
L4 5 S L3 AND TARGET? (3A) LIGAND
L5 2 S POLYARGININE AND POLYLYSINE AND TRANSFEC?

(FILE 'HOME' ENTERED AT 13:18:54 ON 13 FEB 2003)

FILE 'MEDLINE' ENTERED AT 13:19:02 ON 13 FEB 2003
L1 13 S TRANSFERRIN AND (POLYLYSINE OR POLY-L-LYSINE OR
PROTAMINE) AN
L2 20 S TRANSFERRIN AND PROTAMINE
L3 136 S POLYCATION AND (LIPID OR LIPOSOME)
L4 44 S L3 AND TRANSFEC?

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
13:28:39

ON 13 FEB 2003
L5 246 S L4
L6 142 DUP REM L5 (104 DUPLICATES REMOVED)
L7 624 S (POLYLYSINE OR POLY-L-LYSINE OR POLYARGININE OR
POLYORNITHINE
L8 557 S L7 NOT L6
L9 294 DUP REM L8 (263 DUPLICATES REMOVED)

(FILE 'HOME' ENTERED AT 10:18:28 ON 14 FEB 2003)

FILE 'MEDLINE' ENTERED AT 10:18:34 ON 14 FEB 2003
L1 69 S (LIVER OR HEPATIC) AND TUMOR AND (NEU OR HER2 OR HER
2)
L2 0 S L1 AND ASIALOGLYCOPROTEIN
L3 0 S (HEPATOBLASTOMA OR HEP-G2) AND (HER2 OR NEU OR HER 2)

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS' ENTERED AT 10:28:33 ON 14
FEB
2003

L4 5 S L3
L5 5 DUP REM L4 (0 DUPLICATES REMOVED)
L6 183 S NEU AND ERB B2

FILE 'STNGUIDE' ENTERED AT 10:35:17 ON 14 FEB 2003
L7 0 S TRUBETSKOY V?/AU AND LIPOFECTIN

FILE 'MEDLINE' ENTERED AT 10:44:32 ON 14 FEB 2003
L8 0 S TRUBETSKOY V?/AU AND LIPOFECTIN

L9 35 S TRUBETSKOY V?/AU
L10 7 S L9 AND LIPID
L11 24866 S L9 AND LIPID OR LIPOSOME
L12 14 S L9 AND (LIPID OR LIPOSOME)
L13 2 S L12 AND CATION?
L14 79 S DC-CHOL
L15 73 S L14 AND CATION?

⇒ file stnguide

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(FILE 'HOME' ENTERED AT 11:28:48 ON 14 FEB 2003)

FILE 'MEDLINE' ENTERED AT 11:28:53 ON 14 FEB 2003
L1 370 S (LIPID OR LIPOSOME) AND (SHIELD? OR PEG OR
POLYETHYLENE GLYCO
L2 20 S L1 AND STEALTH
L3 0 S L2 AND CATIONIC
L4 0 S L2 AND (NUCLEIC OR TRANSFEC? OR DNA OR PLASMID OR
VECTOR)

=>

((FILE 'HOME' ENTERED AT 11:53:46 ON 14 FEB 2003)

FILE 'MEDLINE' ENTERED AT 11:53:53 ON 14 FEB 2003

FILE 'MEDLINE, CAPLUS, EMBASE, BIOSIS, SCISEARCH' ENTERED AT
11:54:06 ON
14 FEB 2003
L1 7220 S ASIALOGLYCOPROTEIN
L2 444 S L1 AND TUMOR
L3 295 DUP REM L2 (149 DUPLICATES REMOVED)
L4 97 S L3 AND TARGET?
L5 11 S HEPATOCARCINOMA AND (HER2 OR HER 2 OR ERB B 2 OR NEU)
L6 3 DUP REM L5 (8 DUPLICATES REMOVED)
L7 761 S (LIVER OR HEPATIC OR HEPAT?) AND (TUMOR OR CANCER OR
CARCINOM

FILE 'MEDLINE' ENTERED AT 12:05:31 ON 14 FEB 2003
L8 104 S L7
L9 101 S L8 NOT NITROSO
L10 291 S (NEU OR ERB B2 OR HER2 OR HER 2) AND (LUNG OR
PULMONARY)
L11 266 S L10 AND (CANCER OR TUMOR OR CARCINOMA OR NEOPLAS?)

L12 265 S L11 NOT NITROSO
L13 262 S L11 NOT NITROSO?
L14 86 S L13 AND MOUSE

=> (FILE 'HOME' ENTERED AT 14:32:01 ON 14 FEB 2003)

FILE 'MEDLINE' ENTERED AT 14:32:18 ON 14 FEB 2003
L1 51 S (POLYCATION OR POLYLYSINE OR POLY-L-LYSINE) AND
(CATIONIC LIP

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
14:34:15
ON 14 FEB 2003

L2 307 S L1
L3 159 DUP REM L2 (148 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 14:42:06 ON 14 FEB 2003

FILE 'MEDLINE' ENTERED AT 14 43:16 ON 14 FEB 2003
L4 109 S ADENOVIR? AND (POLYCATION? OR POLYLYSINE)
L5 22 S L4 AND LIPID
L6 27 S ADENOVIR? AND POLY-L-LYSINE
L7 5 S L6 AND (LIPID OR LIPOSOM?)

FILE 'STNGUIDE' ENTERED AT 14:48:29 ON 14 FEB 2003

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
15 03:55
ON 14 FEB 2003

L8 44 S L7
L9 28 DUP REM L8 (16 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 15:17:34 ON 14 FEB 2003

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
15:18:02
ON 14 FEB 2003

FILE 'STNGUIDE' ENTERED AT 15:18:06 ON 14 FEB 2003

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
15:21:14
ON 14 FEB 2003

FILE 'STNGUIDE' ENTERED AT 15:21:16 ON 14 FEB 2003

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
15:25:11
ON 14 FEB 2003

FILE 'STNGUIDE' ENTERED AT 15:25:12 ON 14 FEB 2003

=> d his

(FILE 'HOME' ENTERED AT 11:24:12 ON 18 FEB 2003)

FILE 'MEDLINE' ENTERED AT 11:24:18 ON 18 FEB 2003
L1 7 S LONG AND CIRCULAT? AND LIPOSOME AND CATION? AND
LIPID
L2 259 S LONG AND CIRCULAT? AND LIPOSOME
L3 27 S L2 AND STEALTH
L4 23 S L2 AND (PLASMID OR GENE OR DNA)
L5 23 S L2 AND RES
L6 15 S L5 AND (PEG OR POLYETHYLENE GLYCOL)

FILE 'STNGUIDE' ENTERED AT 11:46:00 ON 18 FEB 2003

FILE 'MEDLINE' ENTERED AT 11:48:57 ON 18 FEB 2003
L7 8 S L2 AND PLASMID

FILE 'CAPLUS, EMBASE, BIOSIS, BIOTECHDS, SCISEARCH' ENTERED AT
11:50:20
ON 18 FEB 2003

L8 54 S L7
L9 33 DUP REM L8 (21 DUPLICATES REMOVED)
L10 10 S L9 AND (STEALTH OR PEG OR POLYETHYLENE GLYCOL)
L11 10 DUP REM L10 (0 DUPLICATES REMOVED)
L12 315 S LIPOSOME AND (STEALTH OR PEG OR POLYETHYLENE
GLYCOL) AND (PL
L13 18 S L12 AND STEALTH
L14 12 DUP REM L13 (6 DUPLICATES REMOVED)

FILE 'STNGUIDE' ENTERED AT 12:10:15 ON 18 FEB 2003

FILE 'SCISEARCH' ENTERED AT 12:16:38 ON 18 FEB 2003

FILE 'CAPLUS, EMBASE, BIOSIS, SCISEARCH' ENTERED AT 12:17:08 ON 18
FEB
2003

FILE 'SCISEARCH' ENTERED AT 12:17:09 ON 18 FEB 2003

FILE 'STNGUIDE' ENTERED AT 12 20:36 ON 18 FEB 2003

FILE 'MEDLINE' ENTERED AT 12:31:52 ON 18 FEB 2003

FILE 'CAPLUS, EMBASE, SCISEARCH, BIOTECHDS, BIOSIS' ENTERED AT
12:35:21

ON 18 FEB 2003

L15 162 S L4
L16 54 S L15 AND PLASMID
L17 33 DUP REM L16 (21 DUPLICATES REMOVED)
L18 677 S L2 AND (PEG OR POLYETHYLENE GLYCOL)
L19 154 S L12 AND POLYETHYLENE GLYCOL
L20 103 S L19 AND PLASMID
L21 83 DUP REM L20 (20 DUPLICATES REMOVED)
L22 15 S L21 AND (CIRCULAT? OR INTRAVENOUS?)
L23 19 S L18 AND PLASMID
L24 11 DUP REM L23 (8 DUPLICATES REMOVED)
L25 108 S L19 AND GENE
L26 88 DUP REM L25 (20 DUPLICATES REMOVED)
L27 64 S L19 AND TRANSFEC?
L28 52 DUP REM L27 (12 DUPLICATES REMOVED)
L29 65 S L28 OR L26 AND (CIRCULAT? OR INTRAVENOUS? OR INJECT?)
L30 32 S (L28 OR L26) AND (CIRCULAT? OR INTRAVENOUS? OR
INJECT?)

FILE 'STNGUIDE' ENTERED AT 12 50:00 ON 18 FEB 2003

FILE 'MEDLINE' ENTERED AT 13:00:12 ON 18 FEB 2003

L31 4 S STEALTH AND PLASMID
L32 0 S POLYETHYLENE GLYCOL AND LONG CIRCULATING AND
RETICULOENTOTHEL
L33 14 S POLYETHYLENE GLYCOL AND LONG CIRCULATING AND
RETICULOENDOTHEL
L34 113 S POLYETHYLENE GLYCOL AND LONG CIRCULATING
L35 2 S L34 AND (PLASMID OR TRANSFEC?)
L36 41 S L34 AND TARGET?
L37 0 S L36 AND D BIB AB 28-34